

February 19, 2001

IC43LE/P - Je

File Ref V5320

Covering for a display device

^{we}
Patent Claims

1. A covering for a display device,
- 1.1. the covering being translucent, at least in some areas,
 - 1.2. the covering at least partly covering the front side of the display device,
 - 1.3. the covering shielding electromagnetic fields characterized by the fact
 - 1.4. that the covering is made of an intrinsically electrically conductive polymeric material or contains such a material and
 - 1.5. that the covering has a means of making electrical contact.
2. A covering for a display device,
- 2.1. the covering being translucent at least in some areas,
 - 2.2. the covering at least partly covering the front side of the display device,
 - 2.3. the covering shielding electromagnetic fields characterized by the fact

10074682.070902

2.4. that a thin, intrinsically electrically conductive polymer layer that is translucent, at least in some areas, is applied to the covering, and

2.5. that the polymer layer has a means of making electrical contact.

3. The covering for a display device as claimed in one of the preceding claims, characterized by the fact that the means of making contact is formed as a riveted cutting connection.

4. The covering for a display device as claimed in one of the preceding claims, characterized by the fact that the means of making contact is formed as an electrical connection which at least partly borders the covering, the edge of the covering at least partly resting with a form fit on a component that holds the covering.

5. The covering for a display device as claimed in one of the preceding claims, characterized by the fact that the covering is formed as a dial (11) or cover glass (12).

6. The covering for a display device as claimed in one of the preceding claims, characterized by the fact that the display device is formed as a combination instrument.

206020" 28942001

7. The covering for a display device as claimed in one of the preceding claims, characterized by the fact that the display device contains at least one momentary-contact push button (15).
8. The covering for a display device as claimed in one of the preceding claims, characterized by the fact that the covering is made of a plastic or a mineral material.
9. The covering for a display device as claimed in one of the preceding claims, characterized by the fact that the covering is made of a layer structure, which comprises a layer substrate (1), a conductive polymer layer (2) one or more colored layers (3a, 3b) and a top layer (4).
10. The covering for a display device as claimed in one of the preceding claims, characterized by the fact that the covering has applied to it a polymer layer (6) with such a high intrinsic conductivity that this polymer layer (6) can be used in connection with an electrical circuit arrangement for conductor tracks that carry current.

add A7